



# EXTROL®

Hydronic Expansion Tanks: LBC Series ASME

## 175 PSIG Working Pressure

### Construction

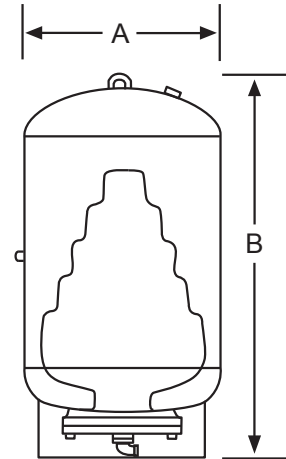
Shell	ASME Approved Steel
Bladder Design	Partial Acceptance; Replaceable
Bladder Thickness (models 35-100)	.087 In Minimum
Bladder Thickness (models 130-600)	.100 In Minimum
System Connection	NPTF Malleable Iron
Finish	Red Oxide Primer
Air Valve	Schrader Valve w/EPDM Seats
Factory Precharge	12 PSIG (.8 bar)

### Performance

Maximum Operating Temperature	240°F (115°C)
Maximum Working Pressure	175 PSIG (12 bar)
Warranty	1 Year

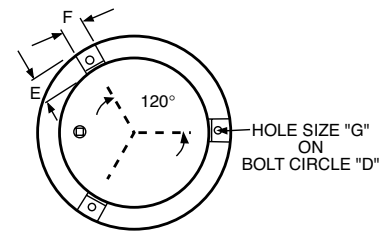
### Application

- For use in closed, non-potable hydronic heating and chilled water systems.
- Replaceable, partial acceptance bladder design.
- Meets all ASME Code Section VIII, Division 1 standards.
- Available with optional sight glass and seismic restraints.
- Suitable in propylene glycol applications with mixtures up to 50%.



### ASME Models

Model Number	Tank Volume		Max. Accept. Factor	A Tank Diameter		B Tank Height		System Conn. (NPTF)	Shipping Weight	
	Gal	Lit		In	mm	Inch	mm		In	Lbs
35LBC	10	35	1.00	10	254	37	940	1	80	36
50LBC	13	50	.85	12	305	37	940	1	91	41
85LBC	22	85	.50	16	406	35	889	1	110	50
100LBC	26	100	.42	16	406	39	991	1	119	54
130LBC	34	130	.79	20	508	35	889	1	162	73
165LBC	44	165	.61	20	508	40	1016	1	178	81
200LBC	53	200	.51	24	610	41	1041	1	234	106
300LBC	80	300	.34	24	610	56	1422	1	280	127
400LBC	106	400	.50	24	610	69	1753	1	329	149
500LBC	132	500	.40	24	610	83	2108	1	372	169
600LBC	158	600	.34	30	762	67	1702	1	525	238



BOTTOM VIEW

### Optional Seismic Restraints

Tank Diameter	Bolt Circle	Dim. E	Dim. F	Hole Size G
B	D	E	F	G
10	12 <sup>5</sup> / <sub>8</sub>	2	2	9 <sup>1</sup> / <sub>16</sub>
12	14 <sup>3</sup> / <sub>4</sub>	2	2	9 <sup>1</sup> / <sub>16</sub>
16	16 <sup>3</sup> / <sub>4</sub>	2	2	9 <sup>1</sup> / <sub>16</sub>
20	16 <sup>3</sup> / <sub>4</sub>	2	2	9 <sup>1</sup> / <sub>16</sub>
24	18	2	2	9 <sup>1</sup> / <sub>16</sub>
30	24	4	4	7 <sup>1</sup> / <sub>8</sub>

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

